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EUROPEAN PATENT APPLICATION

21 Application number: 88112260.0

51 Int. Cl. 4: **H01F 1/08**

22 Date of filing: 28.07.88

30 Priority: 30.07.87 JP 191380/87
14.10.87 JP 259373/87

43 Date of publication of application:
08.02.89 Bulletin 89/06

84 Designated Contracting States:
CH DE FR GB LI NL

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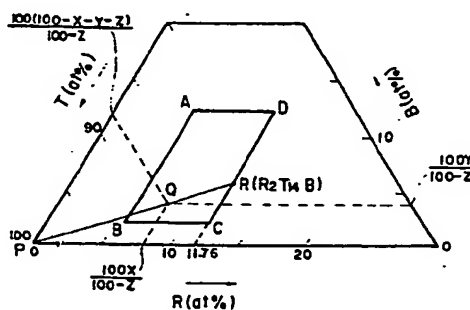
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54 **Permanent magnets.**

57 A permanent magnet having high coercivity and energy product contains rare earth elements, boron, at least one element of Ti, V, Cr, Zr, Nb, Mo, Hf, Ta and W, and a balance of Fe or Fe and Co, and consists of a primary phase of substantially tetragonal grain structure, or a mixture of such a primary phase and an amorphous or crystalline rare earth element-poor auxiliary phase wherein the volume ratio of auxiliary phase to primary phase is smaller than a specific value.

FIG. 1



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EP 0 302 395 A1